

## Lode-Gold Veins in The Cariboo District

A New Chapter in the History of Mining There.

Written by Douglas Lay, resident mining engineer, for the Miner of Vancouver.

Much interest focuses at the present time on the veins in the Barkerville area, by reason of the recent very gratifying development operations of the Cariboo Gold Quartz Mining Co. Ltd. The commencement of actual production at this property, in the early days of the New Year, marks the opening of a new chapter in Cariboo history, and adds another stirring event to those which the old town of Barkerville has experienced during a long life.

Will the gold values go down? Will the success of one company be followed by that of others? In short, will there be a Barkerville lode-gold camp? These are questions which are uppermost in the minds of many at the present time, when the air is full of deals and the rumors of deals.

A dispassionate consideration of the available facts does not support the view that there is likely to be only one producing mine in this area, but on the other hand clearly indicates that arguments advanced a considerable time ago for developments at many different points have been greatly strengthened by recent developments.

But is for the very reason that prospects are favorable that it is of high importance that the area should receive, from the inception of activities onward, the highest measure of geologic, engineering and directive skill, and it is highly gratifying that such an excellent start has been made in this direction. In the earliest days of a camp's history, it is particularly desirable that there should be no waste of money through ill-advised effort, and all the more so in view of the difficult times through which we are now passing.

The purpose of this brief article is to review a few of the broad facts concerning this area, which seem important, rather than to enter into any great detail.

The fact of broadest interest is one which is probably of great importance from the commercial standpoint, viz., the age of the vein of the Barkerville area. This is, as was determined by the late Dr. Uglow, pre-Mississippian and quite possibly Precambrian. In either case vast geologic time separates the age of these veins from that of almost every other lode-mineral deposit of importance in the Province, which is to be attributed to the familiar Jura-Cretaceous (even extending into Tertiary) age of the Coast Range, and parallel batholiths and satellites. The present development, therefore marks not only a new chapter in Cariboo history, but a new chapter in the mining history of the Province. In view of the importance of Precambrian mineralization in the gold camps of the Canadian Shield and in other parts of the world, the age of the mineralization in the Barkerville area is one of arresting interest. Certain important differences in characteristics from those of the younger mineralization are a justifiable anticipation.

It is, however, to be noted that there are a number of the younger Jura-Cretaceous quartz veins in Cariboo district, but the older pre-Mississippian veins are confined so far as known to a strip of country about 3 miles long

and ten miles wide, bounded on the south by Cariboo Lake, and trending to the latter. Both Barkerville and Stanley are situated within this strip, the former being close to the north-eastern boundary, and the latter close to the south-western boundary.

The veins of these two different ages illustrate very markedly the interdependence of lode-gold and placer deposits, which has not been obscured by glaciation. Thus while valuable placer deposits originated from the younger veins, the richest placer deposits of the Cariboo, with the single exception of Cedar Creek, are directly traceable to the ancient veins. Again, the earliest attempts at lode-gold mining in the Cariboo, some seventy years ago, were all directed to the ancient veins with the single exception, possibly, of veins of the Quesnel Quartz Mining Co. on Hixon Creek, which are quite possibly of Jura-Cretaceous age. It was the free gold in the outcrops of the ancient veins that afforded the earliest workings that visible and tangible mineral showing, which, when all is said and done, is the pith and marrow of justification for the initiation of mining enterprise.

Common sense readily suggests what is probably the correct reason for the facts cited in the preceding paragraph, namely, the ancient veins are inherently richer than the younger veins.

The valuable report of the late Dr. W. L. Uglow, studied in the light of developments to date, affords such insight into this ancient vein system, but doubtless we have yet much to learn on the subject. One broad fact of high importance is the strong evidence obtained to date, that within the area previously mentioned to which these ancient veins are confined, there are certain zones that are of marked promise. The geographic distribution of these zones is therefore of the utmost importance, and is well known, but the width of these zones is yet to be determined. These zones are (1) a zone in length about 25 miles passing through Island Mountain near the south-eastern extremity. It is interesting to note that this zone is practically coincident with Bowen's line B-F. "Upper limit of richer placers on creeks" shown on his map of the Cariboo Mining District (2) A smaller zone in the vicinity of Burns Mountain near Stanley; and (3) another zone in the region of Yanks Peak; near Keithley. Of these (1) is by far the most important. It is also referred to as the Barkerville belt and in it occurs the property of the Cariboo Gold Quartz Mining Co. Ltd., and its course is marked at intervals by many prospects of merit.

Turning to the question of the comparison of the mineralizing influence of the ancient batholith, and that of the familiar Jura-Cretaceous—The former in the Barkerville area is undoubtedly very deeply buried, that presages absence of "zoning", that is to say, as was clearly pointed out by Dr. Uglow, inasmuch as the mineralization at the surface is of the medium of high temperature class, there is no reason to apprehend that the character of the mineralization, or its gold content, as disclosed below the zone of oxidation, will be subject to any sudden change within depths reached by mining operations.

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## Poultry Talk in New Hazelton On March 22

Arrangements have been completed for a visit to New Hazelton from Mr. James Allen, poultry expert with the provincial department of agriculture. He will give an address to the people here at the hour of eight o'clock in the evening of March 22 (Wednesday) in the community hall. The lecture is free and all are invited to be present. Mr. Allen is a breeder of poultry in a large way himself. He has had many years of experience and he has made a big success of the industry. He made a tour through the northern interior last year and wherever he spoke there has been a request for a return visit this year. The poultry business is one of the main industries in this province and a great many people are not only making their living by it, but are making money. It is a money making business and it is growing, and there is no time like the present to get a start. But the poultry business is not the easy business that many consider it at first. There is a great difference between keeping a few non-descript hens in the back yard, and keeping poultry like any other business, the person who starts right has a much better chance of success than the one who is haphazard. Hear Mr. Allen, and then get your boys and girls interested in the game. Start them early and in a few years they will be in the business. Hear Mr. Allen on Wednesday night, March 22, in New Hazelton community hall.

### DR. WRINCH SPEECHIFIES

According to the press of the south Dr. H. C. Wrinch, M.L.A., has been speechifying in the legislature. The Doctor does not believe in union government. He does not blame the present governments or any other governments for the depression, but he does think that the Liberal party under the leadership of Hon. T. D. Pattullo, would do very much better than has the Tolmie government, or even the Bennett government. He was opposed to the 1 per cent tax on small wages. He advocated the appointment of a board to fix prices for farm produce, but when Hon. Mr. Bruhn asked him what he would do in case of foreign countries dumping their surplus into Canada at lower prices he said that a good strong government could handle that. He advocated inflation of currency to an extent that would provide funds to do public works and thus do away with unemployment.

### NEW PLACER BULLETIN

Word is expected at any moment as to whether the Mines Department will be able to find sufficient money to permit the annual series of addresses by the resident mining engineers to prospectors or not. These lectures are undoubtedly of much value to the prospectors, and would be especially at the present time when interest is so keen in lode gold mining as well as placer. In any case there will be a new bulletin issued by the department on placer mining, and it will be out in time for prospectors to get before the spring season opens.

### SHOWER FOR THE BRIDE

Mrs. Sargent gave a shower at her home in Hazelton on Friday evening last in honor of Mrs. Perry York (nee Miss Vivian Chappell) at which a very nice gathering of friends of the bride were present. At the proper time a toboggan laden with gifts of all the bride all kinds of happiness.

## Try To Create Interest Local Lode-Gold Now

One of the good things about the big gold rush to the Cariboo is that the ground there is not extensive enough for all who are in, or are going in to stake, there being a strip only twenty five miles in length. There is another parallel strip a little shorter and some ten miles west. In between these two strips are the Rocher de Boule mountain, Hudson Bay Mountain and Dome mountain. Lode gold is known to exist on all three of these mountains and full information can be had from the department of mines at Victoria, and an effort will be made this year to get some of those people who cannot get located in the Cariboo to look closely into the possibilities of the three locally known mountains.

At the present time there are lode gold operations on Hudson Bay mountain, on Dome mountain and at Bob Creek, about nine miles from Houston. In the Usk district, the northern end of the western strip referred to above the Columario Gold Mines Co. Ltd. has carried on operations for a number of years and are about to resume work again this spring. They have a lot of ground proven up and are about ready to put in a mill. There are in the Usk district other lode gold properties which have had considerable development work done on them, and then at Pacific and Cedarvale there are lode gold possibilities. On Rocher de Boule it is known that gold exists in a number of properties and so on through the district.

The Cariboo gold excitement is the biggest thing that has hit British Columbia at any time and there will be work in that country this spring and summer for hundreds, if not thousands of men. That hunt for gold is going to spread, in fact is spreading, to the country lying between the two big strips of high yielding country.

Then there is the Manson creek district where a lot of placer mining will be carried on this summer, and the mines department urges prospectors to look for the gold veins in any country from which the placer gold comes. It is known that all the placer in the Cariboo comes from the lode gold deposits, and the same applies to the country in between the big deposits.

When the matter of gold mining is considered the outlook for British Columbia's immediate future is brighter than many would imagine. The next few years in this province will be the best the province has ever had, and even the gold boom days of Rossland will be left in the shade.

As there is such keen and general interest in the gold rush to the Cariboo the Herald is publishing in this issue an article on "The Gold Veins of the Cariboo" written by Douglas Lay, for The Miner, of Vancouver. Mr. Lay probably has more information about the Cariboo and its gold deposits than any other man, and he is certainly the best qualified person to write on the subject.

kinds was hauled in by a real sleigh dog and stopped in front of the guest of honor. After opening the gifts a couple of games were played and the bride received a lot of advice, as well as many beautiful and useful gifts—the latter she accepted, but the former is still under advisement. Light refreshments were served and the party got away in good time after wishing

### BLACKFLIES BITE DUCKLINGS

A high percentage of the mortality among ducklings through disease is caused by the bite of the most abundant species of Blackfly

## Earthquake in Los Angeles a Heavy Blow

The earth quake which was reported over the radio last Friday night from Los Angeles and along the southern coast of California, was one of the worst that section ever felt. About 140 were killed, and many millions of dollars worth of damage was done to property. On Monday night the scientific men reported over the radio that the shock was by no means what is classed as a major shock. In severity it was not to be compared with the San Francisco quake of a few years ago, nor with the quakes in Japan. The damage to property was due, they said to the buildings not being built substantially enough to withstand earthquake shocks, and the deaths were due as well as the thousands that were injured, to the falling of material from the buildings in which the people were. These scientific men advocate that all buildings in sections that are apt to be in earthquake sections, or that have been effected in the past, should be so constructed that they would withstand an earth quake. The buildings that were so built were in no way damaged by the recent quake.

While the Los Angeles quake may not have been a major quake it was severe enough for most of those who experienced it.

Authorities were on the job immediately and organized forces to care for the injured and to protect property from robbers. Others searched the ruins for dead and injured, and at an early hour strong forces were busy clearing the streets, and preparations were underway for rebuilding the city bigger and better than ever.

### Moberly-Tomlinson

On Saturday last Miss Anna Lucretia Tomlinson was united in marriage to Walter Wishaw Moberly in the little Indian church across the river from Cedarvale. Rev. Canon Rushbrooke of Prince Rupert performed the ceremony. The bride was attended by her niece, Miss Kathleen Tomlinson and Miss Rosalie Wilvain. The bride is the third daughter of the late Rev. Robt. Tomlinson, one of the first Anglican missionaries on the Skeena, and she was born on the Skeena. Frank Bruce supported the groom who is a son of the late Henry John Moberly, a Hudson Bay factor who wrote several books. Following the wedding a reception was held at the home of Ensign and Mrs. Tomlinson and about a hundred guests gathered around a well laden and nicely arranged table.

in Canada which transmits a parasite to both domestic and wild ducklings. The disease is apparently harmless to adult ducks. This species of blackfly is invariably the culprit when fishermen and campers are tormented by swarms of pests. Referring to the wide distribution of this pest, C. R. Twinn, says, "My own observations in the Ottawa district and elsewhere and a study of the specimens in the Natural Museum and of specimens from correspondents in various parts of Eastern Canada, support this statement. It is not surprising therefore to learn that the disease caused by this pest is common in the Dominion. Dr. C. H. Weaver, Animal Pathologist of the Dominion Department of Agriculture informed me that the disease is prevalent during the fly season, particularly in the northern districts, and that there is a tremendous amount of it among domestic ducks. He expressed the opinion that the short crop of wild ducks complained of by hunters and sportsmen are probably caused by this disease, which apparently occurs in cycles.

## Lode-Gold in The Cariboo

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Such a statement does not necessarily imply the continuity of any particular vein, nor is any guarantee conveyed as to dimensions of veins or ore shoots therein. Each vein with its ore shoots must be a separate study. But it does signify that gold values are likely to persist with depth, and that, if at any particular property, veins are exposed below the zone of oxidation commercial both as to width and values, there is no reason to apprehend that as mining proceeds depths might be reached at which the original temperature was too high for deposition of gold, as was possibly the case in the Rossland camp.

Another point is that the only outward evidence of the existence of the deep-seated ancient batholith is the quartz feldspar dykes and sills. The presence of such acid tongues indicates that the area is directly over the roof of the ancient batholith, and therefore in the most favorable position for mineralization. Consequently well mineralized veins, generally speaking, seems a justifiable hope to entertain.

Such statements as the foregoing in the absence of preliminary development do not in themselves necessarily signify a commercial field. But certain results have been secured at the property of the Cariboo Gold Quartz Mining Co. which may be fairly deemed to apply to the area generally, and which invest the foregoing remarks with much added strength. It is not the intention to go into any details of the results disclosed to date, because particulars of such have already been published in the bulletins issued by the Department of Mines at Victoria, but the following points seem to be of high importance:

(1) The important "cross" or "E" veins have proven much larger at depth than was anticipated from surface inspection.

(2) The heavy sulphide mineralization present in the veins.

(3) In general the gold values follow the sulphides. A very small amount of gold is visible free, and by actual tests by the Mines Dept. at Ottawa, 80 per cent of gold values is not only "free" but "free milling" in the case of the ores of the Cariboo Gold Quartz Co.

While there is probably more free gold in most auriferous sulphides than is commonly supposed, the percentage of "free milling" gold found in the ores of the Cariboo Gold Quartz Mining Co. is indeed surprising in view of the heavy sulphide content of the veins. It might be mentioned that in the case of Rossland ores, a certain amount of gold was free, in the sense that it was recoverable by gravity methods of concentration, although it was not amalgamable.

(4) These results were secured by this company in a portion of its ground where there was but little superficial evidence of what was disclosed by development.

Turning to the more practical aspects.

From the milling standpoint, the ores of the area seem likely to prove readily amenable to cyanidation, and a distinctly favorable feature is the fact that owing to the stress to which the quartz has been subjected, it is very easily crushed.

From the practical mining standpoint, there are many features conducive to low mining costs, such for example as favorable topography permitting of development by adit tunnels; transportation in the form of a highway already existent; timber line up to 7,500 feet above sea level.

Turning to the areas indicated as being of promise in the Barkerville belt alone, there is a zone from Island Mountain to Round Top Mountain, 20 miles in length. The zone may be narrow, but even so there is plenty of room for many producing mines.

Generally speaking, this area with its ancient vein system seems to present all the earmarks of a potential camp, and offer much promise to well

directed capital. Tribute is due to Mr. Fred Wells and his associates of the Cariboo Gold Quartz Mining Co. for having the courage to take the first plunge, the result of which not only has attention been directed to the area in the most practical way, but results gained not only affect this company directly, but are of very real indirect assistance to other operators in the area. Tribute is due also to many old time prospectors in this belt, whose efforts have contributed in no small measure to the sum total of important facts concerning mineralization, and who now seem in a fair way to realize hopes long entertained.

As to the Jura-Cretaceous veins in the Cariboo, they are a separate consideration entirely from the ancient veins, and merit at any particular point will be controlled largely by local conditions. These veins seem to be entirely due to the mineralization influence of the Central batholith, and its satellites. While this batholith has been unroofed at all points of its length, outcrops at frequent intervals plainly indicate its course between the North-west arm of Takla Lake and Boss Mountain in the extreme south of the Quesnel Mining Division. Outcrops in the form of stocks, dykes and irregular tongues are to be found at numerous points in the Cariboo and Quesnel Mining Divisions. Such intrusions occur in rocks of various ages including Precambrian, and along the south-western margin of the belt occupied by the pre-Mississippian veins intrusives of both Jura-Cretaceous and pre-Mississippian age occur in comparatively close juxtaposition. Examples of the younger intrusions in the region mentioned occur on the left bank of Lightning Creek just below Mosquito Creek; on Cariboo Mountain, and on the north fork of the Quesnel River. A very large quartz vein outcrops on Cariboo Mountain, but it is interesting to note that no important occurrences of placer are to be found in the immediate vicinity of this mountain.

The possibilities of the Jura-Cretaceous veins from the lode-gold standpoint, although subordinate in import-

ance to those of the pre-Mississippian veins, must not be overlooked, and they afford a field for prospecting and investigation. In this connection it would seem important to bear in mind the interdependence of placer and lode gold, paying particular attention to regions important on account of placer.

Hixon Creek is one point that calls for special attention. There is here a belt of highly altered and kaolinized schistose rocks about a half a mile in width trending north-west and south-east across the creek, which appears to extend as far south-east as Terry Creek and in which occur numerous quartz veins varying in size from mere stringers upwards. The discovery last year of stringers on the property of Quesnel Quartz Mining Co., containing spectacular amounts of free gold in their outcrops (the discovery following placer operations) clearly calls for further investigation. This recent discovery also seems to indicate that it was a similar discovery that led to the earlier operations here some sixty years ago. The shaft sunk at that time, likewise workings therefrom, are unfortunately full of water, and cannot now be inspected. Old reports state that 230 tons of ore of \$32.91 value per ton was milled in the early days. The question has been raised as to whether a wide belt of country rock in this region is sufficiently auriferous to be mined as a whole. There is some evidence pointing in this direction, but a very great deal of further investigation is necessary to form a correct opinion on this point.

The presence of Jura-Cretaceous intrusives in the vicinity and the absence of any resembling the ancient intrusives of the Barkerville area would seem to indicate the age of these veins as being Jura-Cretaceous, but the matter cannot be definitely determined without further geologic study. In any case the surface showings themselves warrant investigation, and especially so in view of the placer occurrences in the region.

The richness of Cedar Creek placer deposits emphasizes the desirability of close prospecting in this region for the lode-gold deposits from which it originates. The finding of such is not to be considered a remote possibility, in fact evidence has already been obtained of the existence in place, on the slopes of Cedar Creek meadows, of an auriferous replacement mineralization in the country rock, so that this type of deposit, as well as quartz veins, should be born in mind by prospectors in this region.

### WAS NEARLY A MILLIONAIRE

There has retired from the Canadian National service a conductor who refused to go into partnership with Hy. Ford at the beginning of the magnate's career. The man who might have been a millionaire is Mr. Geo. M. Walker who was born in Liverpool in 1867 and migrated to Canada at the age of seventeen. Forty years ago Ford wanted him to mortgage his home and invest with Ford an equal amount in experiments which afterward revolutionized motor transportation. As the father of six children Mr. Walker took the cautious course, and unknowingly refrained from becoming a millionaire. The retired conductor and Mr. Ford are still friends, but looking back Mr. Walker says he is happy and really has no personal regrets. Mr. Walker's maternal great grandfather was Sir Walter Scott.

### TURKEY EGG-LAYING TIME

Just as soon as the spring weather comes, turkeys should be fed for egg production, and laying should commence about the middle of April in Eastern Canada and somewhat sooner in Western Canada with its earlier spring opening—especially in British Columbia. Much depends on the weather coming rapidly spring like as to the time for forcing the laying, as eggs laid too early would have to be held too long before setting. This important question must be left practically to the discretion of the attendants. To get turkeys laying just at the proper time requires experience and begin-

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SMITHERS, B. C.

Hours 9 a.m. to 6 p.m. Evenings by appointment.

### B. C. UNDERTAKERS

EMBALMING FOR SHIPMENT A SPECIALTY

P.O. Box 945 A wire PRINCE ROYAL B.C. will bring a

### J. B. Judge Chiropractor

Will be at the Omineca Hotel Hazelton on Thursday

### MINERAL ACT

Certificate of Improvements

### NOTICE

Esmeralda, Bornite, Belmont, Beth, Bessie, Stuart, Takla, Trembleur, Beatrice, Jack, Jackson, Camp Fractional, Alda Fractional, Bess Fractional, Bornite Fractional, and Trix Fractional mineral claims, situated in the Omineca Mining Division, Cassiar District.

Where located—On east slope of Driftwood Range, about 15 miles north west of Takla Lake.

Take notice that Dalby B. Morkill of Vancouver, B. C., acting as agent for Consolidated Mining & Smelting Co. of Canada, Limited, Free Miner's Certificate No. 50616D, intends sixty days from the date hereof, to apply to the Mining Recorder for Certificates of Improvements for the purpose of obtaining Crown Grants of the above claims.

And further take notice that action under section 85, must be commenced before the issuance of such Certificate of Improvements. Dated this 15th day of January 1933.

### MINERAL ACT

Certificate of Improvements

### NOTICE

Bear, Moose, Indian, Chief, Lakeview Grounding, I. X. L., I. X. L. Fractional, Vein, Lake, View, Ax and A. Fractional Mineral Claims, situated in the Omineca Mining Division, Cassiar District.

Where located—On Mt. Morice about 6 miles west of the foot of Bear Lake.

Take notice that Dalby B. Morkill of Vancouver, B. C., acting as agent for the Consolidated Mining & Smelting Co. of Canada, Limited, Free Miner's Certificate No. 50616D, intends sixty days from the date hereof, to apply to the Mining Recorder for Certificates of Improvements for the purpose of obtaining Crown Grants of the above claims.

And further take notice that action under section 85, must be commenced before the issuance of such Certificates of Improvements. Dated this 15th day of January, 1933.

Persons should be cautious in this matter. Turkeys should be wintered where they are expected to lay in the spring.

### PLANTING ROSES

It is important to plant roses as early in the spring as possible so as to get them established before there is warm weather or dry winds. If the branches look withered when received bury them in wet soil for about two days so the stems will take up some of the moisture. Prune back severely, leaving only from three to six buds above the stock and plant so that the point of union between the bud or named variety and the stock is just below the surface of the soil. Firm the soil well about the roots when planting. Hybrid Tea roses are planted about 18 inches apart and Hybrid Perpetuals two and a half feet.

Not a week passes that you are not canvassed by representatives of nationally advertised products to stock and push them, and to give them window and counter displays

## Local Retailers is it Fair?

Their representatives tell you of the large sums of money being spent in metropolitan daily newspapers and in national magazines to create and maintain consumer demand, and they try hard to persuade you that such "remote" advertising will surely create and sustain a large local demand.

It is admitted that it is advantageous to you and your customers for you to stock nationally advertised products but such products will sell faster if they are locally advertised in the Omineca Herald, in addition to being advertised in non-local publications.

There is no good or sound reason why a national advertiser should not do local advertising in the Omineca Herald. You will be told when you say to the representative of firms canvassing you to stock and push his firm's goods, "Oh, we could never afford to do local advertising." What he really means when he says such words, is that he does not expect large

local sales. If he did then he would see that these local sales can provide a sum adequate to maintain a local advertising campaign.

Why should you help a national advertiser to develop his business in the territory covered by the circulation of The Omineca Herald without advertising co-operation from him?

You provide local distribution facilities for manufacturers of branded products, and your value to them is recognized. Why, then should these manufacturers not assist you to sell these goods, if stocked by you, by a series of local advertisements, perhaps carrying your name as distributor, published in the Omineca Herald.

N. B.—Show this advertisement to those travellers who urge you to stock goods not locally advertised.



# THE TERRACE NEWS

VOL 13

TERRACE, B. C., WEDNESDAY, MARCH 15, 1933

No. 12

## Philbert Hotel

TERRACE, B. C.

Fully Modern Electric Light  
Running Water  
Travellers Sample Rooms

P. O. Box 5 Telephone

L. Martin, Prop.

Bring your car in for a  
Complete Overhaul

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All repairs carefully made  
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## Terrace Mill Stock of Lumber

Rough Lumber No. 2 Shiplap  
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Geo. Little Terrace, B.C.

## YORK HOTEL

Vancouver, B. C.

The House of Comfort  
and Cheer Service

Extremely Low  
New Winter  
Rates:

WITHOUT BATH WITH BATH  
DAILY \$ 1.50 \$ 2.00  
MONTHLY 25.00 30.00

ALL OUTSIDE ROOMS

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In the centre of the city's  
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All rooms exceptionally  
large and noise proof

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THE YORK HOTEL

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## Terrace Notes

The members of the Canadian Legion were hosts on Friday evening when they entertained their wives and families and friends. Whilst was played until 10.30 and the prize winners for the highest score were Velma Greig and E. T. Kenney while Mrs. Hood and Mr. Beveridge gathered in the consolation. Dancing was then enjoyed, a

five piece orchestra providing music. At midnight refreshments were served by the ladies and dancing was resumed until 1.30.

Orval Kenney has gone to Anyex to work.

Mr. and Mrs. Geo. Little entertained four tables at bridge on Saturday evening, and the prizes were awarded to Mrs. Greig and E. T. Kenney. There were also prizes for second high and consolation prizes. The hostess served delicious refreshments after the game.

A very enjoyable afternoon was held at the home of Miss Jenny King on Saturday when the high school girls accompanied by their teacher, Miss McInnes, and a number of other lady friends tendered Mrs. F. Gavin (nee Bertha Moore) a miscellaneous show. There were many useful and beautiful gifts for the bride. The young people have taken up their home on Greig ave. and are receiving congratulations and good wishes from a host of friends.

P. J. Murphy and Jens Erlandson of Reno were visitors in town on Thursday of last week.

On Tuesday evening the Terrace and District Board of Trade held its monthly meeting, and after routine business was disposed of the balance of the evening was devoted to a discussion of "Script" With 15 members on the job the discussion carried through until about 11 o'clock. Many and varied were the opinions expressed. A resolution was passed recommending that a controlled issue of Dominion script money be made to facilitate a greater measure of exchange of commodities and the restoration of the price level to that of 1929.

Mr. and Mrs. Frank Gavin had to rearrange their plans when they got to Terrace on Tuesday morning. It had been arranged for them to occupy the cottage just south of the Swain dwelling, but owing to the building having been destroyed by fire the Saturday before they have taken one of the places east of the Philbert hotel.

Frank Gavin had the misfortune to crush one of his fingers badly on Saturday while handling freight.

W. Donald who has been visiting at Ask returned home last Friday.

The first games of the championship series of the local basketball league were played on Saturday night. In the first game the Tillamums romped home with a 15-4 win over the Cubs, while in the second game the High School boys had an easy win of 32-15. Dudley Little handled the first game, while Harry Lyons kept the boys in order in the second. Next Saturday Motors will meet the Town team as Tillamums will be matched with Heifers.

Mrs. C. R. Gilbert is expected back to Terrace today.

Word has been received that Mrs. T. Marsh will arrive Wednesday to resume her residence here. For some months Mrs. Marsh has been living in the south.

News has been received that Louis Martin successfully underwent an operation at the hospital in Rupert last Thursday and he is making a good recovery. He expects to be on the job again before the spring is far advanced.

W. C. Cowell of the Department of Immigration arrived here on Saturday and left for Rupert on Tuesday.

On Sunday afternoon a number of local amateurs expended a considerable amount of ammunition to find out who would help pay for chickens and roasts of beef for the more skillful shots. A good time was had by all present and the winners left for home assured that the old wolf would not visit them that week.

## Gavin-Moore

From the Empire, Prince Rupert A quiet wedding was celebrated at the home of the bride's mother, Mrs. E. J. Moore, late of Terrace, on Monday evening when Miss Bertha Moore was united in marriage to Mr. Frank Gavin of Terrace. Rev. C. D. Clarke pastor of the United Church here, performed the ceremony, which was attended only by the most intimate of friend sof the contracting parties.

Miss and Mrs. Moore came to Rupert from Terrace several months ago following the destruction of their home there by fire and have since been residing with Mrs. Moore's son, Mr. Verge Moore.

The newly wed couple left on the train Monday evening for Terrace and will make their home there.

## Seed and Grain Fair in Regina Next Summer

The Worlds Grain Exhibition and Conference, which will be held in Regina from July 24 to August 5, in which thousands of growers will compete and which will be attended by visitors from every part of the world, is attracting the co-operation of many Canadian business houses which realize the value to the Dominion of the widest possible interest in that great agricultural undertaking.

It is generally admitted that the event is of vital interest to others than farmers and agricultural leaders, and the greatest measure of good will come from the realization by men of business and professional standing that the agricultural resources of Canada can be vastly extended by improved tillage methods.

That is the position taken by A. E. McKenzie, Co., Ltd., Brandon, in its new 1933 catalogue just issued from the company's headquarters. Considerable space is devoted to an explanation of the Exhibition and Conference and to urging attendance by the general public, as well as by those directly concerned in agriculture.

To arouse the widest possible interest in the event, the McKenzie Co. announce two cash prize contests in which \$5,215 will be awarded for letters, predictions of attendance, etc.

Many new and highly interesting varieties are offered in the McKenzie catalogue for the first time, among them are two of unusual importance—the Sand Cherry and Crested Wheat Grass both plants ideally suited to Canadian soil and climate conditions and both answering a distinct need.

The former makes a new welcome contribution to the Canadian rural table in that it is a delicious, juicy, small fruit, suitable for baking and preserving, one which is easily grown with marked success in the western provinces.

Crested Wheat Grass solves many of the feed problems which have confronted farmers in past years. It is a hardy grass, extremely long lived and highly resistant to drought. It is in prime condition in early spring and late fall and may be used both as a pasture and for hay. Stock are fond of it. It is Canada's most newly developed forage crop plant, and now offered for the first time in commercial quantities for sale.

Two new street lights have been installed this week, one at the Terrace Hotel, and the other near the entrance to the Philbert hotel. This installation has brightened up one of the darkest spots in town and the citizens will surely appreciate them.

E. Mueller who had the misfortune to break a rib in the woods recently is getting along fine.

## Buy Pork This Week

Legs (Whole or half), per pound	12½
Loins, per lb.	12½
Heads, per lb.	6
Side Pork, per lb.	10
Shoulder Chops	12½

SALADS VEGETABLES FRESH AND SMOKED FISH

James Richmond, Ltd.

## Bulkley Cow Testing Asso.

Following is a list of cows in the above Association that gave 55 lbs. or more of butter fat for the month of February, 1933.

Name of Cow	Breed	Lbs. Milk	Lbs. Fat	Owner
37 Daisy	Holstein	1520	69.8	S. Woodman
34 Kewpie	Holstein	1472	63.2	Riverside Dairy
32 Samantha	G. A.	1240	63.2	Riverside Dairy
30 Beauty	Jersey	1100	61.0	J. Polmer
218 Sukie	Holstein	1205	56.0	S. Woodman
30 Simp	Holstein	1380	53.8	D. Greene
28 Dolly	Shorthorn	1434	53.0	J. Donaldson
31 Sylvia	P.B.H.	1250	52.5	F. Gilbert
63 Guernsey	Guernsey	1160	51.0	Riverside Dairy
117 Steink	Holstein	1405	50.5	O. Ekman
31 Dixie	Holstein	1302	49.4	Riverside Dairy
142 Sylvia	Holstein	1080	48.6	C. Killer
60 Beauty	Holstein	1270	48.2	C. Killer

Heifers, under three years old which gave 30 lbs. butter fat or more during the month of February, 1933.

44 Brownie	Guernsey	843	36.2	W. Sproule
44 Blackie	P. H. B.	900	36.0	F. Gilbert
73 Blossom	P.H.B.	960	35.5	F. Gilbert
146 Peanuts	H. G.	900	35.1	W. Billetter
44 Nell	H. G.	750	31.5	W. Billetter
51 Dolly	Holstein	868	30.3	O. Lundstrom
129 Polly	Holstein	843	30.1	D. Greene

Figures in brackets indicate number of days since freshening.

J. G. Manning  
Supervisor

## Hens, Breeds and Egg Color No Answer Yet

The color of an egg shell is no guide to the quality of its contents. Furthermore, science has not yet decided why nature has given the power to some breeds of poultry to color eggshells brown, while in others the natural white calcium is retained. A partial explanation is that the majority of poultry left on the farms of Canada divide naturally into two groups. One group, comprising a number of breeds, has its origin in the poultry breeding activities in ancient times in the countries bordering the Mediterranean. They bear the names of these sections of Italy and Spain from which they sprang—Leghorn, Andalusia, and Minorca. The hens of these breeds lay white eggs. The breeds making up the other group have their origin in the early days of North American agriculture, when the pioneer poultry breeders of this continent, working with miscellaneous imported stock developed their own distinctive breeds. They, too, bear names indicative of their origin, Plymouth Rock, Rhode Island Reds, Wyandottes. The hens of these breeds lay brown shelled eggs. In addition to these major groups there are

some breeds of English origin to be found on Canadian farms, the most common being Orpingtons and Dorkings. These two breeds typify nicely the traditional spirit of fair play. The Dorkings lay eggs with white shells, while the eggs of the Orpington are brown.

## PROHIBITED RAT POISONS

It is an offense under the Criminal Code to import, use or have in anyone possession in Canada any culture of bacteria for the destruction of rats. This is on account of the dangerous nature of such culture, the present trend in pest control being to develop preparations which are poison to the pest and harmless to other animals or plants. Pyrethrum and derris sprays and powders which are innocuous to vertebrates have been evolved to keeping down many insect pests infecting buildings, while squill preparations are employed to control rodents. These latter specialties are quite efficient for their purposes and are said to be innocuous to poultry and live stock.

The public works snow plough made the trip to Lakelse Lake during the latter part of the week. Owing to the heavy snow fall this year, and the several trips the plough has made to keep the road open, the snow is banked high on both sides of the road.



## H B C Specials

March 17th to March 23rd inclusive

Sardines, Brunswick 4 for .....	25c
Corned Beef, Helmet 2 for .....	25c
Clarks Beef Steak and Onions .....	25c
Molasses-Chef, 5's .....	35c
Crushed Pineapple, Malkins Best Fancy, 1/2s .....	15c
Nabob Strawberry Jam, 2's .....	30c

## LADIES RUBBERS

FINAL CLEAN UP SALE

Full range of sizes, 3 to 7, clearing at per pair ..... 75c

**Hudson's Bay Company**  
Hazelton, B. C.

## EDWARDSBURG CROWN BRAND CORN SYRUP

The  
economical  
and delicious  
table syrup



A  
nourishing  
sweet for the  
whole family

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LIMITED, MONTREAL

**Is Your Subscription Due?**  
**It is Only Two Dollars a Year**  
**Now is a good time to pay**

**ST. PATRICK'S DANCE**  
New Hazelton

FRIDAY, MARCH 17

CHAPPELL'S ORCHESTRA ADMISSION .50

## Doings Around Home

Of interest to you and your friends

Charles Pattie (Chuck) Smith fell on Monday noon while playing at the school. His face struck the school steps and Chuck is minus two front teeth. He says it hurt all right, but he can spit between his teeth now any way.

Mrs. John Newick received word on Monday that her sister, Mrs. (Rev.) R. W. Lees had passed away at her home in Arthur, Ont., on Sunday. A great many of the old timers in this district will remember Rev. and Mrs. Lees when they were stationed in the Kispix as missionary for the Methodist church some twenty odd years ago.

The C. G. I. T. group of Hazelton will be at home to their friends in the United Church, Hazelton on Thursday evening of next week.

Are you ready for the big dance in New Hazelton on St. Patrick's night. (Friday of this week)? There will be a good time, good music and the admission is only 50c.

Among the gifts Mrs. Perry York received at the shower on Saturday night was a half dozen knives from the Hazelton girls soft ball club.

Sir Henry Thornton, formerly president and general manager of the Canadian National Railways, died Tuesday evening in New York from an attack of pneumonia.

J. C. Brady of Ottawa, formerly of Prince Rupert and a member in the House of Commons for Skeena, underwent an operation for appendicitis recently.

The Canadian National Railway is having its own troubles with storms, slides, etc., and it is seldom that the passenger train from the east gets in on time. In another few weeks the troubles from natural causes should be over. Then it will be time to change the time table again.

The city of Vancouver is to have a

new police commission on July 1st next and it is hoped the mayor will not be able to hire and fire when ever he is so disposed under the new system. It is provided by an amendment to the city charter that the police commission shall consist of a judge, a magistrate and the mayor. This is the same system as they have in Ontario.

The Dominion Budget was brought down yesterday, and the provincial budget will be presented to the legislature next week. These are the very worst things that can happen to the people and after those documents are digested all the people have to do is to figure out some way to get their own grub and clothes.

The United States is to have beer in a few minutes, and beer made in their own breweries, and legally made.

### LOTS OF KITCHEN UTENCILS

On Saturday evening about twenty of the younger people of Hazelton met at Myros & Smith's apartments and after decorating themselves according to their lights of propriety, proceeded in a noisy procession to the home of Mr. and Mrs. Russell, there to surprise and shower Mr. and Mrs. Perry York with kitchen utensils and good wishes. The bride and groom had been guests of Mr. and Mrs. Russell for dinner and after the shower the evening was spent dancing and merry making.

### LODE-GOLD AT BOB CREEK

Apparently considerable work has been carried out on the Rex Group on Bob Creek, nine miles from Houston, by Geo. W. Smith and his associates. This week a Mr. Ferguson visited the old Rocher de Boule camp and it is reported that he has arranged for an engine left at that camp be taken to the new mine at Bob Creek. Work at this property was originally in place but free gold was noticed in the rocks along the creek and this lead to prospecting for lode-gold.



## The PRICE GUIDE of CANADA

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Family Budgets are set by this handbook of the West, and economies often un hoped-for are accomplished. It brings the latest fashions to the smallest communities, and the markets of all the world to the most isolated farm-house. Small wonder that the arrival of each new issue is an event eagerly awaited in hundreds of thousands of Canadian homes.

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**HAZELTON, B. C.**

### The Hazelton Hospital

The Hazelton Hospital issues tickets for any period at \$1.50 per month in advance. This rate includes office consultations, medicines, as well as all costs while in the hospital. Tickets are obtainable in Hazelton at the drug store or by mail from the medical superintendent at the hospital.

**Martin's Garage**  
Hazelton, B. C.

**Special Price**

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At all hours

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**New Cars and Trucks**

**B. C. LAND SURVEYOR**

**J. Allan Rutherford**

Surveys promptly executed.

**SMITHERS, B. C.**

The W. A. to the H. H. met on Tuesday afternoon and transacted regular business.